

NOVEMBER 16.

The President, Dr. RUSCHENBERGER, in the chair.

Twenty-seven members present.

The following papers were presented for publication:—

“Descriptions of New Fossil Shells from the Tertiary of California.” By R. E. C. Stearns.

“A Descriptive Catalogue of Scalidæ of the West India Islands.” By O. A. L. Mörch.

*On Trichocephalus affinis*, Dies.—Dr. CHAPMAN noticed having found in the intestine of the llama the *Trichocephalus affinis* described by Diesing as occurring in the camel, and observed that it was interesting to find the same intestinal worm in animals so closely related structurally, though so widely separated geographically.

*On the Castor Glands of the Beaver*.—Dr. CHAPMAN also called attention to the arrangement of the castor glands in the American beaver, the lower symmetrical glands opening into the ano-preputial passage consisting of only two glands, whereas the European species in this respect exhibited three.

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NOVEMBER 23.

The President, Dr. RUSCHENBERGER, in the chair.

Seventeen members present.

*On the Mesozoic Red Sandstone of the Atlantic States*.—Prof. PERSIFOR FRAZER, Jr., said that the art of stratigraphy has proved itself capable of most wonderful extension, and has given the foundation for whatever of exactitude of statement can be claimed for geology.

It is another instance of the surprising lengths to which probability can be carried by inductive reasoning based on comparatively few but generally admitted premises. It is surprising to read over the results of the application of this method in any general outline of geology, and to note that mere relative position of things can unfold to us a marvellous story of motion, and evolution or successive changes, according to law.

The more facts we know the wider is the range of this application, and sometimes one very little fact well established will require vast continents to be plunged in the imagination thousands of feet